

COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

This declaration is of the following type:

- ☒ original
- ☐ divisional
- ☐ continuation
- ☐ continuation-in-part

INVENTORSHIP IDENTIFICATION

My residence, post office address and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

TITLE OF INVENTION

Electron Beam Treatment of Si_xN_y Films

SPECIFICATION IDENTIFICATION

The specification of which:

- ☒ is attached hereto
- ☐ was filed on {Filing Date}, under Serial No. {Serial No.}, executed on even date herewith; or ☐ Express Mail No.(as Serial No. not yet known) and was amended on _____ (if applicable)
- ☐ was described and claimed in PCT International Application No. _____ filed on _____ and as amended under PCT Article 19 on _____.

ACKNOWLEDGMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose all information I know to be material to patentability in accordance with Title 37, Code of Federal Regulations, 1.56,

and which is material to the examination of this application; namely, information where there is a substantial likelihood that a reasonable Examiner would consider it important in deciding whether to allow the application to issue as a patent, and

- ☐ In compliance with this duty there is attached an Information Disclosure Statement in accordance with 37 CFR 1.98.

PRIORITY CLAIM (35 U.S.C. §119)

I hereby claim foreign priority benefits under Title 35, United States Code, §119, of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America or of any United States Provisional Application(s) listed below, and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s)

designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed.

- ☒ No such applications have been filed.
☐ Such applications have been filed as follows:

A. Prior foreign/PCT/provisional application(s) filed within 12 mos. (6 mos. for design) prior to this application, and any priority claims under 35 U.S.C. § 119

<u>Country/PCT</u>	<u>Application No</u>	<u>Date Filed</u>	<u>Priority Claimed</u>
			<input type="checkbox"/> Yes <input type="checkbox"/> No

B. All foreign application(s), if any, filed more than 12 mos. (6 mos for design) prior to this U.S. application

Country:
Application No:
Filing date:

PRIORITY CLAIM (35 U.S.C. §120)

I hereby claim the benefit under Title 35, United States Code, § 120, of any United States application(s) or PCT international application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose information that is material to the examination of this application (namely, information where there is substantial likelihood that a reasonable Examiner would consider it important in deciding whether to allow the application to issue as a patent) which occurred between the filing date of the prior application(s) and the national or PCT international filing date of this application.

- ☐ No such applications have been filed
☒ Such applications have been filed, as follows:

<u>Serial No.</u>	<u>Filing Date</u>	<u>Status</u>
10/428,374	May 1, 2003	<u>Patented Pending</u> Pending
		<u>Abandoned</u>

POWER OF ATTORNEY

I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

Peter J. Sgarbossa	Registration No. 25,610
Michael B. Einschlag	Registration No. 29,301
Joseph Bach	Registration No. 37,771
Raymond Kam-On Kwong	Registration No. 37,165
James C. Wilson	Registration No. 35,412
Robert W. Mulcahy	Registration No. 25,436

Send correspondence to:

Patent Counsel, MS/2061
Legal Affairs Dept.
Applied Materials, Inc.
PO Box 450A
Santa Clara, CA 95052

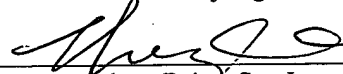
Direct telephone calls to:

650-949-2267

DECLARATION

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and, further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Sec. 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

Full name of sole or first inventor: Zhenjiang Cui

Inventor's signature: 

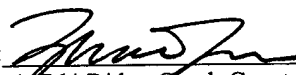
Date: 02/19/04

Residence: 7070 Rainbow Drive, San Jose, California 95129

Post Office Address: 7070 Rainbow Drive
San Jose, California 95129
U.S.A.

Country of Citizenship: China, P.R.

Full name of second inventor: Jun Zhao

Inventor's signature: 

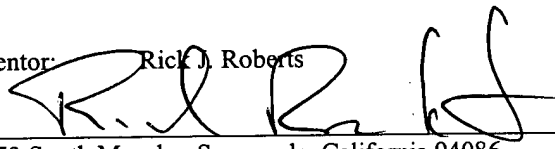
Date: 2/17/04

Residence: 11764 Ridge Creek Court, Cupertino, California 95014

Post Office Address: 11764 Ridge Creek Court
Cupertino, California 95014
U.S.A.

Country of Citizenship: U.S.A.

Full name of third inventor: Rick J. Roberts

Inventor's signature: 

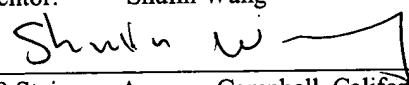
Date: 19 Feb 04

Residence: 453 South Murphy, Sunnyvale, California 94086

Post Office Address: 453 South Murphy
Sunnyvale, California 94086
U.S.A.

Country of Citizenship: U.S.A.

Full name of fourth inventor: Shulin Wang

Inventor's signature: 

Date: 03/02/04

Residence: 959 Steinway Avenue, Campbell, California 95008

Post Office Address: 959 Steinway Avenue
Campbell, California 95008
U.S.A.

Country of Citizenship: U.S.A.

Full name of **fifth** inventor: Errol A. C. Sanchez

Inventor's signature: Errol A. C. Sanchez

Date: 3/5/04

Residence: ~~5291 Gilford Court, Dublin, California 94568~~

Post Office Address: ~~5291 Gilford Court~~
~~Dublin, California 94568~~
~~U.S.A.~~

} 324 Jill Drive
Tracy, CA 95377
U.S.
Country of Citizenship: ~~Philippines~~ U.S.A.

Full name of **sixth** inventor: Aihua Chen

Inventor's signature: _____

Date: _____

Residence: 2278 Quail Bluff, San Jose, California 95121

Post Office Address: 2278 Quail Bluff
San Jose, California 95121
U.S.A.

Country of Citizenship: U.S.A.

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Joseph Bach	Registration No. 37,771
Raymond Kam-On Kwong	Registration No. 37,165
James C. Wilson	Registration No. 35,412
Robert W. Mulcahy	Registration No. 25,436

Send correspondence to:

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Legal Affairs Dept.
Applied Materials, Inc.
PO Box 450A
Santa Clara, CA 95052

Direct telephone calls to:

650-949-2267

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Full name of sole or first inventor: Zhenjiang Cui

Inventor's signature: _____ Date: _____
Residence: 7070 Rainbow Drive, San Jose, California 95129
Post Office Address: 7070 Rainbow Drive
San Jose, California 95129
U.S.A. Country of Citizenship: China, P.R.

Full name of second inventor: Jun Zhao

Inventor's signature: _____ Date: _____
Residence: 11764 Ridge Creek Court, Cupertino, California 95014
Post Office Address: 11764 Ridge Creek Court
Cupertino, California 95014
U.S.A. Country of Citizenship: U.S.A.

Full name of third inventor: Rick J. Roberts

Inventor's signature: _____ Date: _____
Residence: 453 South Murphy, Sunnyvale, California 94086
Post Office Address: 453 South Murphy
Sunnyvale, California 94086
U.S.A. Country of Citizenship: U.S.A.

Full name of fourth inventor: Shulin Wang

Inventor's signature: _____ Date: _____
Residence: 959 Steinway Avenue, Campbell, California 95008
Post Office Address: 959 Steinway Avenue
Campbell, California 95008
U.S.A. Country of Citizenship: U.S.A.

Full name of **fifth** inventor: Errol A. C. Sanchez

Inventor's signature: _____ Date: _____

Residence: 5291 Gilford Court, Dublin, California 94568

Post Office Address: 5291 Gilford Court
Dublin, California 94568
U.S.A.

Country of Citizenship: Philippines

Full name of **sixth** inventor: Aihua Chen

Inventor's signature: Aihua Chen Date: _____

Residence: 2278 Quail Bluff, San Jose, California 95121

Post Office Address: 2278 Quail Bluff
San Jose, California 95121
U.S.A.

Country of Citizenship: U.S.A.

(Declaration ends with this page)

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